

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

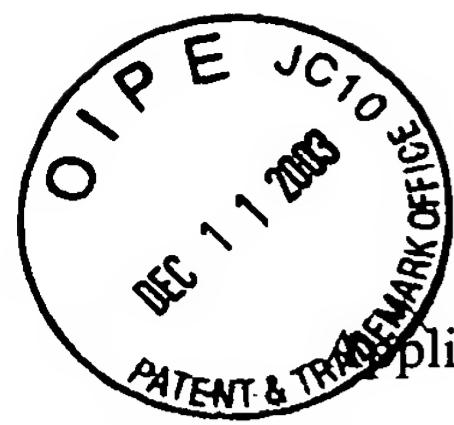
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



Docket No. 1232-5136

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): HASEGAWA, et al.

Group Art Unit: TBA

Serial No.: 10/656,727

Examiner: TBA

Filed: September 5, 2003

For: DIFFERENTIAL PUMPING SYSTEM AND EXPOSURE APPARATUS

**CERTIFICATE OF MAILING (37 C.F.R. §1.8(a))**

Office of Initial Patent Examiner's Filing Receipt Corrections  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I hereby certify that the attached:

1. Request for Corrected Official Filing Receipt; (in duplicate)
2. Certificate of Mailing; Copy of official Filing Receipt; and
3. Return Receipt Postcard

along with any paper(s) referred to as being attached or enclosed and this Certificate of Mailing are being deposited with the United States Postal Service on date shown below with sufficient postage as first-class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,  
MORGAN & FINNEGAN, L.L.P.

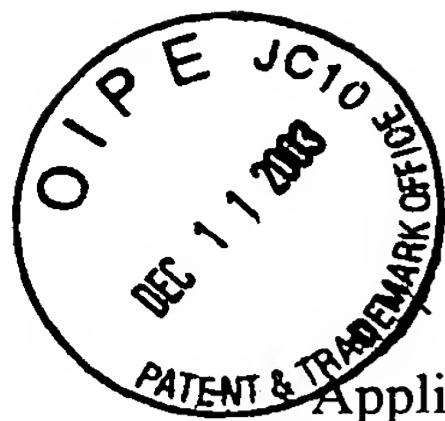
Dated: December 8, 2003

By:

Helen Tiger

**Correspondence Address:**

MORGAN & FINNEGAN, L.L.P.  
345 Park Avenue  
New York, NY 10154-0053  
(212) 758-4800 Telephone  
(212) 751-6849 Facsimile



Docket No. 1232-5136

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): HASEGAWA, et al.

Group Art Unit: TBA

Serial No.: 10/656,727

Examiner: TBA

Filed: September 5, 2003

For: DIFFERENTIAL PUMPING SYSTEM AND EXPOSURE APPARATUS

**REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT**

Office of Initial Patent Examiner's Filing Receipt Corrections  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

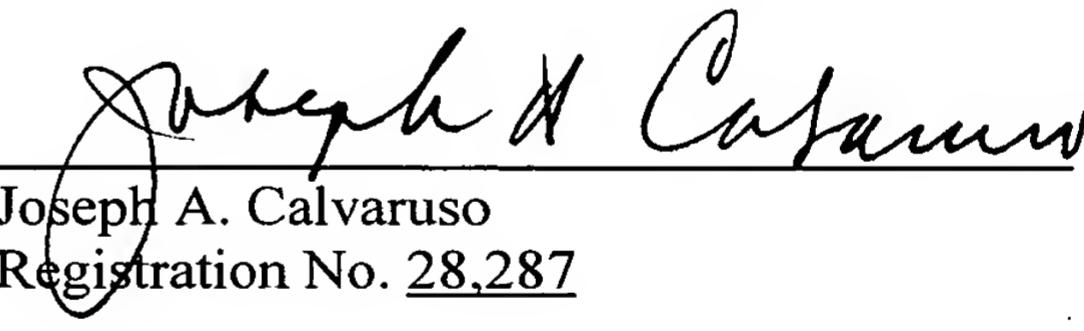
A corrected filing receipt is hereby requested in view of the errors which appear in the original. For the convenience of the Patent and Trademark Office, attached is a photocopy of the original receipt on which the errors have been highlighted. Specifically, the filing date of this application is **incorrectly** indicated as September 4, 2003 whereas, our records show that the date of mailing the application was September 5, 2003. A copy of the confirmatory Express Mail Label No.: EV245497078US is enclosed herewith.

The Commissioner is hereby authorized to charge any additional fees which may be required by this paper, or credit any overpayment to Deposit Account No. 13-4500, Order No. 1232-5136. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,  
MORGAN & FINNEGAN, L.L.P.

Dated: December 8, 2003

By:

  
Joseph A. Calvaruso  
Registration No. 28,287

Correspondence Address:

MORGAN & FINNEGAN, L.L.P.  
345 Park Avenue  
New York, NY 10154-0053  
(212) 758-4800 Telephone  
(212) 751-6849 Facsimile



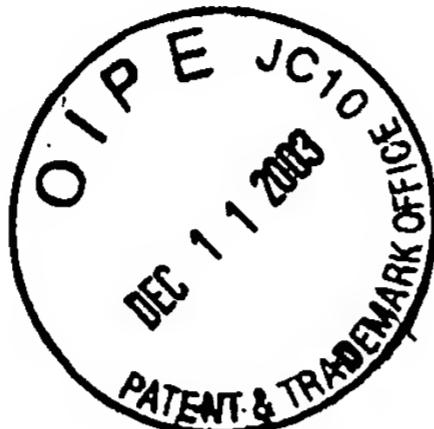
## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/656,727	09/04/2003	2882	834	1232-5136	8	11	4

X is 09/05/2003

27123  
 MORGAN & FINNEGAN, L.L.P.  
 345 PARK AVENUE  
 NEW YORK, NY 10154



CONFIRMATION NO. 4780

## FILING RECEIPT



\*OC000000011364829\*

Date Mailed: 11/26/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Takayuki Hasegawa, Tokyo, JAPAN;  
 Akira Miyake, Tochigi, JAPAN;  
 Nobuaki Ogushi, Tochigi, JAPAN;

REVIEWED BY AUDIT DEPT.  
 DATE 12/3 BY       

## Domestic Priority data as claimed by applicant

## Foreign Applications

JAPAN 2002-261796 09/06/2002

If Required, Foreign Filing License Granted: 11/26/2003

Projected Publication Date: 03/11/2004

Non-Publication Request: No

Early Publication Request: No

## Title

Differential pumping system and exposure apparatus

RECEIVED  
 DEPT.  
 JUN 11 2004  
 MORGAN & FINNEGAN LLP

CASE 1232-5136 ATTY JAC  
 INFORMATION DISCLOSURE  
 STATEMENT 10/15/03 (302PEN)  
 FOREIGN FILING         
 CONVENTION DATE EXPIRES       

## Preliminary Class

**Service Guarantee:** Express Mail international mailings are not covered by this service agreement. Military shipments delayed due to customs inspections are also excluded. The shipment is mailed at a designated USPS Express Mail facility on or before the specified deposit time for overnight or second delivery day delivery to the addressee, delivery to the addressee or agent will be attempted before the applicable guaranteed time. Signature of the addressee's agent, or delivery employee is required upon delivery. If a delivery attempt is not made by the guaranteed time and the mailer files a claim for a refund, the USPS will refund the postage; unless the delay was caused by: proper detention for law enforcement purposes; strike or work stoppage; late deposit of shipment, forwarding, return, incorrect address, or incorrect ZIP code; delay or cancellation of flights; governmental action beyond the control of the Postal Service or air carriers; war, insurrection, or civil disturbance; breakdowns of a substantial portion of the USPS transportation network resulting from events or factors outside the control of the Postal Service or acts of God.

Notice is left for the addressee when an item cannot be delivered on a first attempt. If the item cannot be delivered on the second attempt and is not claimed by the addressee within five days of the second attempt, it will be returned to sender at no additional postage.

Please consult your local Express Mail directory for noon and 3 p.m. delivery areas and for information on international and military Express Mail services. See the Domestic Mail Manual for details.

**Insurance Coverage:** Insurance is provided only in accordance with postal regulations in the *Domestic Mail Manual* (DMM) and, for international shipments, the *International Mail Manual* (IMM). The DMM and IMM set forth the specific types of losses that are covered, the limitations on coverage, terms of insurance, conditions of payment, and adjudication procedures. Copies of the DMM and IMM are available for inspection at any post office and online at [e.usps.gov](http://e.usps.gov). If copies are not available and information on Express Mail insurance is requested, please contact postmaster prior to mailing. The DMM and IMM consist of federal regulations, and USPS personnel are NOT authorized to change or waive these regulations or grant exceptions. Limitations prescribed in the DMM and IMM provide, in part, that:

The contents of Express Mail shipments defined by postal regulations as merchandise are insured against loss, damage, or rifling. Coverage up to \$100 per shipment is included at no additional charge. Additional merchandise insurance up to \$5,000 per shipment may be purchased for an additional fee; however, additional insurance is void if waiver of the addressee's signature is requested.

Coverage extends to the actual value of the contents at the time of mailing or the cost of repairs, not to exceed the limit fixed for the insurance coverage obtained.

Items defined by postal regulations as "negotiable items" (items that can be converted to cash without resort to forgery), currency, or bullion are insured up to a maximum of \$15 per shipment.

For international Express Mail shipments, insurance coverage may vary by country and may not be available to some countries. Indemnity is not paid for items containing coins, banknotes, currency notes (paper money); securities of any kind payable to the bearer; traveler's checks; platinum, gold, and silver (manufactured or not); precious stones, jewelry, and other valuable or prohibited articles.

Items defined by postal indemnity regulations as "nonnegotiable documents" are insured against loss, damage, or rifling up to \$100 per shipment for document reconstruction, subject to additional limitations for multiple pieces lost or damaged in a single catastrophic occurrence. Document reconstruction insurance provides reimbursement for the reasonable costs incurred in reconstructing duplicates of nonnegotiable documents mailed. Document reconstruction insurance coverage above \$100 per shipment is NOT available, and attempts to purchase additional document insurance are void.

No coverage is provided for consequential losses due to loss, damage, or delay of Express Mail, or for concealed damage, spoilage of perishable items, and articles improperly packaged or too fragile to withstand normal handling in the mail.

**TERMS AND LIMITATIONS ARE SUBJECT TO CHANGE.** Please consult Domestic Mail Manual and International Mail Manual, both of which are available online at [e.usps.gov](http://e.usps.gov), for additional limitations and terms of coverage.

**Claims:** Original customer receipt of the Express Mail label must be presented when filing an indemnity claim and/or for a postage refund.

All claims for delay, loss, damage, or rifling must be made within 90 days of the date of mailing; for international, call 1-800-222-1811.

Claim forms may be obtained and filed at any post office.

To file a claim for damage, the article, container, and packaging must be presented to the USPS for inspection. To file a claim for loss of contents, the container and packaging must be presented to the USPS for inspection. **PLEASE DO NOT REMAIL. THANK YOU FOR CHOOSING EXPRESS MAIL.**



EV 245497078 US

**ORIGIN (POSTAL USE ONLY)**

PO ZIP Code <i>16010</i>	Day of Delivery <input checked="" type="checkbox"/> Next <input type="checkbox"/> Second	Flat Rate Envelope <input type="checkbox"/>
Date In <i>6/5/03</i>	Mo. Day Year <input checked="" type="checkbox"/> 12 Noon <input type="checkbox"/> 3 PM	Postage <i>\$ 13.65</i>
Time In AM PM	2nd Day 3rd Day	Return Receipt Fee
Weight lbs. ozs.	Int'l Alpha Country Code	COD Fee Insurance Fee
No Delivery <input type="checkbox"/> Weekend <input type="checkbox"/> Holiday	Acceptance Clerk Initials <i>JAC</i>	Total Postage & Fees <i>\$ 13.65</i>

**CUSTOMER USE ONLY**

Method of Payment:  
Express Mail Corporate Acct. No.

**FROM: (PLEASE PRINT)**

PHONE (

340 PARK AVENUE  
NEW YORK  
NY 10054-0003

Joseph A. Calvaruso, Esq.

1232-5136

PRESS HARD.  
You are making 3 copies.

FOR PICKUP OR TRACKING CALL 1-800-222-1811 [www.usps.com](http://www.usps.com)

Federal Agency Acct. No. or  
Postal Service Acct. No.

**TO: (PLEASE PRINT)**

PHONE (

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450



**UNITED STATES POSTAL SERVICE®**

**EXPRESS MAIL**

**Customer Copy**  
Label 11-F June 2002

**Post Office To Addressee**

**DELIVERY (POSTAL USE ONLY)**

Delivery Attempt Mo. Day	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Delivery Attempt Mo. Day	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Delivery Date Mo. Day	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Delivery Date Mo. Day	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature

**WAIVER OF SIGNATURE** (Domestic Only) Additional merchandise insurance is void if waiver of signature is requested. I wish delivery to be made without obtaining signature of addressee or addressee's agent. If delivery employee judges that article can be left in secure location and I authorize that delivery employee's signature constitutes valid proof of delivery.

**NO DELIVERY**  Weekend  Holiday

Customer Signature